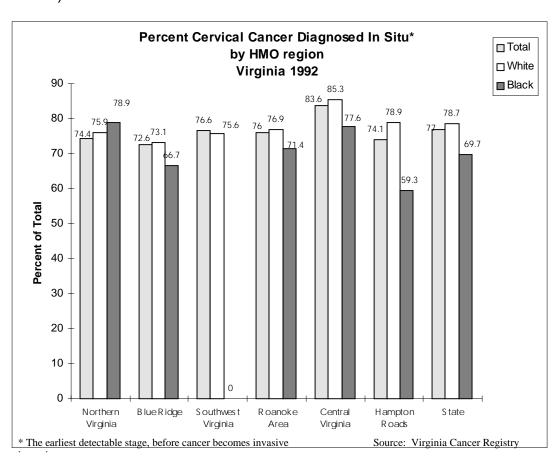
Stage of Cervical Cancer at Diagnosis

Objective: Increase the percent of cervical cancer that is diagnosed in the in situ stage to at least 84.5%.

Nationally, cervical cancer incidence and mortality rates were roughly cut in half during the 1970s and 1980s, due in large part to Pap screening. The role of screening in reducing cervical cancer mortality is unmistakable, as cervical cancers diagnosed in the earliest invasive stage, local, can be very successfully treated, with a 5-year survival rate of 91%. Low socioeconomic status, multiple sex partners, early age at first intercourse, and cigarette smoking have been associated with high cervical cancer rates. Cervical cancers are now most often detected in the in situ stage, which is prior to becoming invasive and is the earliest stage detectable. In Virginia, 77% of all cervical cancers reported for 1992 were diagnosed in this stage, although white women were more often diagnosed while still in this early stage than black women (78.7 to 69.7%).



Percent Cervical Cancer Diagnosed *In Situ* by Health District, Virginia 1992

Rappahannock		Chesterfield	92.6	
FIRST Alexandria 87.5 Richmond 87.3 Thomas Jefferson 87.1 Cumberland Plateau 85.0 Virginia 2000 Objective Virginia Beach 83.5 Norfolk 82.2 Entral Virginia 80.5 Henrico 79.3 Hanover 79.3 First 77.3 Rappahannock/Rapidan 76.0 Prince William 75.0 Alleghany 75.0 Alleghany 75.0 New River 74.2 Crater 74.2 Crater 74.2 Crater 74.2 Crater 74.2 Crater 74.2 Mount Rogers 72.2 THIRD Southside 71.4 Central Shenandoah 70.7 Roanoke 70.6 Arlington 70.0 Chesapeake 70.0 Portsmouth 69.6 Fairfax 69.2 Pittsylvania/Danville 66.7 Hampton 66.7 Fourth QUARTILE Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0		Rappahannock	92.3	
QUARTILE Richmond Thomas Jefferson 87.1 Cumberland Plateau 85.0 Virginia Beach 83.5 Norfolk 82.2 Virginia 2000 Objective Central Virginia Beach Norfolk 82.2 84.3% Central Virginia Beach 83.5 Norfolk 82.2 84.3% Henrico 79.3 Hanover 79.3 Hanover 79.3 Hanover 79.3 Rappelannock/Rapidan 76.0 Prince William 75.0 New River 74.2 Crater 74.2 Mount Rogers 72.2 Thur Prince William 75.0 New River 74.2 Crater 74.2 Mount Rogers 72.2 Thur Pount Rogers 72.2 Thur Pount Rogers 72.2 Thur Pount Po		Piedmont	90.0	
Thomas Jefferson	FIRST	Alexandria	87.5	
Cumberland Plateau 85.0 Virginia Beach 83.5 Norfolk 82.2	QUARTILE	Richmond	87.3	
Virginia Beach 83.5 Norfolk 82.2 Central Virginia 80.5 Henrico 79.3 Hanover 79.3 SECOND West Piedmont 79.2 Three Rivers 77.3 Rappahannock/Rapidan 76.0 Prince William 75.0 Alleghany 75.0 New River 74.2 Crater 74.2 Mount Rogers 72.2 Mount Rogers 72.2 THIRD Southside 71.4 QUARTILE Central Shenandoah 70.7 Roanoke 70.6 Arlington 70.0 Chesapeake 70.0 Portsmouth 69.6 Fairfax Fourth Fourth 4ampton 66.7 Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0		Thomas Jefferson	87.1	
Norfolk 82.2 84.3%		Cumberland Plateau	85.0	Objective
Central Virginia 80.5 Henrico 79.3 Hanover 79.3 SECOND West Piedmont 79.2 QUARTILE Lenowisco 77.8 Three Rivers 77.3 Rappahannock/Rapidan 76.0 Prince William 75.0 Alleghany 75.0 New River 74.2 Crater 74.2 Mount Rogers 72.2 THIRD Southside 71.4 QUARTILE Central Shenandoah 70.7 Roanoke 70.6 Arlington 70.0 Chesapeake 70.0 Portsmouth 69.6 Fairfax 69.2 Pittsylvania/Danville 66.7 Hampton 66.7 FOURTH QUARTILE Central Shenandoah 58.5 Loudoun Western Tidewater 46.7 Lord Fairfax 44.0		Virginia Beach	83.5	
Henrico		Norfolk	82.2	84.3%
Hanover 79.3		Central Virginia	80.5	
SECOND QUARTILE West Piedmont Lenowisco 77.8 77.8 77.3 77.3 77.3 77.3 77.3 77.3		Henrico	79.3	
QUARTILE Lenowisco 77.8 Virginia Three Rivers 77.3 1992 Rappahannock/Rapidan 76.0 76.8% Prince William 75.0 76.8% Alleghany 75.0 76.8% New River 74.2 74.2 Mount Rogers 72.2 71.4 QUARTILE Central Shenandoah 70.7 Roanoke 70.6 70.6 Arlington 70.0 Chesapeake 70.0 Portsmouth 69.6 Fairfax 69.2 Pittsylvania/Danville 66.7 Hampton 66.7 Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0		Hanover	79.3	
Three Rivers 77.3 1992 Rappahannock/Rapidan 76.0 Prince William 75.0 Alleghany 75.0 New River 74.2 Crater 74.2 Mount Rogers 72.2 THIRD Southside 71.4 QUARTILE Central Shenandoah 70.7 Roanoke 70.6 Arlington 70.0 Chesapeake 70.0 Portsmouth 69.6 Fairfax 69.2 Pittsylvania/Danville 66.7 Hampton 66.7 Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0	SECOND	West Piedmont	79.2	
Rappahannock/Rapidan 76.0 Prince William 75.0 Alleghany 75.0 New River 74.2 Crater 74.2 Mount Rogers 72.2 THIRD Southside 71.4 Central Shenandoah 70.7 Roanoke 70.6 Arlington 70.0 Chesapeake 70.0 Portsmouth 69.6 Fairfax 69.2 Pittsylvania/Danville 66.7 Hampton 66.7 Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0	QUARTILE	Lenowisco	77.8	Virginia
Prince William 75.0		Three Rivers	77.3	1992
Alleghany 75.0 New River 74.2 Crater 74.2 Mount Rogers 72.2 THIRD Southside 71.4 QUARTILE Central Shenandoah 70.7 Roanoke 70.6 Arlington 70.0 Chesapeake 70.0 Portsmouth 69.6 Fairfax 69.2 Pittsylvania/Danville 66.7 Hampton 66.7 Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0		Rappahannock/Rapidan	76.0	
New River 74.2		Prince William	75.0	76.8%
Crater 74.2 Mount Rogers 72.2		Alleghany	75.0	
THIRD Southside 71.4 QUARTILE Central Shenandoah 70.7 Roanoke 70.6 Arlington 70.0 Chesapeake 70.0 Portsmouth 69.6 Fairfax 69.2 Pittsylvania/Danville 66.7 Hampton 66.7 Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0		New River	74.2	
THIRD QUARTILE Southside 71.4 QUARTILE Central Shenandoah 70.7 Roanoke 70.6 Arlington 70.0 Chesapeake 70.0 Portsmouth 69.6 Fairfax 69.2 Pittsylvania/Danville 66.7 Hampton 66.7 Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0		Crater	74.2	
QUARTILE Central Shenandoah 70.7 Roanoke 70.6 Arlington 70.0 Chesapeake 70.0 Portsmouth 69.6 Fairfax 69.2 Pittsylvania/Danville 66.7 Hampton 66.7 Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0		Mount Rogers	72.2	
Roanoke 70.6 Arlington 70.0 Chesapeake 70.0 Portsmouth 69.6 Fairfax 69.2 Pittsylvania/Danville 66.7 Hampton 66.7 Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0		Southside	71.4	
Arlington 70.0 Chesapeake 70.0 Portsmouth 69.6 Fairfax 69.2 Pittsylvania/Danville 66.7 Hampton 66.7 Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0		Central Shenandoah	70.7	
Chesapeake 70.0 Portsmouth 69.6 Fairfax 69.2 Pittsylvania/Danville 66.7 Hampton 66.7 Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0		Roanoke	70.6	
Portsmouth 69.6 Fairfax 69.2 Pittsylvania/Danville 66.7 Hampton 66.7 Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0		Arlington	70.0	
Fairfax 69.2 Pittsylvania/Danville 66.7 Hampton 66.7 Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0		Chesapeake	70.0	
FOURTH QUARTILE Pittsylvania/Danville 66.7 Hampton 66.7 Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0		Portsmouth	69.6	
FOURTH QUARTILE Hampton 66.7 Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0		Fairfax	69.2	
Peninsula 58.5 Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0		Pittsylvania/Danville	66.7	
QUARTILE Loudoun 50.0 Western Tidewater 46.7 Lord Fairfax 44.0		Hampton	66.7	
Western Tidewater 46.7 Lord Fairfax 44.0		Peninsula	58.5	
Lord Fairfax 44.0	QUARTILE	Loudoun	50.0	
		Western Tidewater	46.7	
Eastern Shore 0.0*		Lord Fairfax		
		Eastern Shore	0.0*	

^{*}Only 2 cases of cervical cancer diagnosed